Mentor Call Questions

1. There are some mathematic for linear regression in the first mini project of the machine learning unit. And I want to show you and get your idea about, how much they are important
2. While I have a KNN to solve a classification problem, why would I choose to use SVC (support vector classifier)
3. in the modeling phase, we are making predictions with some algorithms, the machine learning. I am wondering Where do we use the hypothesis tests, during the processing data.
4. All tutorials about SVC that I looked, say, model establish support vectors and aims to make a wide gap between these vectors, as much as possible. In the given samples, there is always gap and classes are separated, just sometimes there are a few exceptional points. My question is what if there are many points at the wrong side. Can we still use the SVC or should we use something else?
5. How important is SQL in a datascientst life.
6. Machine learning unit looks it depends on videos of Harvard program. What do you think about the curriculum of the springboard.